

Converting Colors

$Y_{xy}(19.2478, 0.2895, 0.2918)$

Have a look what the booklet for
Yxy(19.2478, 0.2895, 0.2918)
contains.

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Color

Yxy(19.2483, 0.2895, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	77788C
RGB	119, 120, 140
RGB Percent	47%, 47%, 55%
CMY	0.5334, 0.5294, 0.4510
CMYK	0.15, 0.14, 0.00, 0.45
HSL	237°, 8%, 51%
HSV	237°, 15%, 55%
XYZ	19.0574, 19.2483, 27.5230
YIQ	121.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

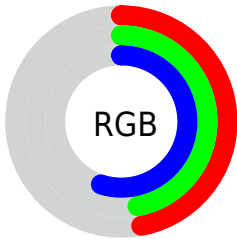
Format	Color
R_{YB}	119, 120, 140
Decimal	7829644
CIE Lab	50.98, 3.96, -10.98
CIE LCh	51, 11.671, 289.814
Yxy	19.2483, 0.2895, 0.2924
Android (android.graphics.Color)	4286019724 (0xFF77788C)
YUV	121.9810, 8.8834, -2.6143
Hunter-Lab	43.8729, 0.7588, -6.4836

Details

The Yxy color $19.2483, 0.2895, 0.2924$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $25.3714, 0.3346, 0.3631$, and the grayscale version is $19.4280, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.0580, 0.2942, 0.2997$, and $6.6750, 0.2790, 0.2784$ is the 20% darker color. If you saturate the color by 10%, you get $15.3445, 0.2718, 0.2642$, and if you desaturate by 10%, it is $23.7459, 0.3054, 0.3176$.

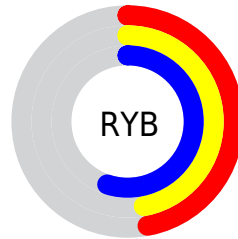
Distribution



Red (47%)

Green (47%)

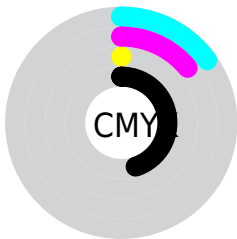
Blue (55%)



Red (47%)

Yellow (47%)

Blue (55%)

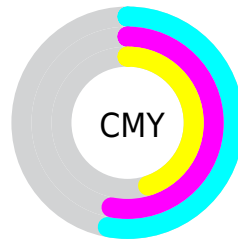


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2483, 0.2895, 0.2924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 19.2483, 0.2895, 0.2924 by changing the saturation by 10% instead.

■ 19.2483, 0.2895,
0.2924

■ 19.2483, 0.2895,
0.2924

■ 247.8161, 0.3028,
0.3131

■ 11.8498, 0.2854,
0.2863

■ 42.1532, 0.2948,
0.3006

■ 6.6415, 0.2797,
0.2776

■ 58.4285, 0.2967,
0.3034

■ 3.2389, 0.2709,
0.2648

■ 78.4315, 0.2982,
0.3058

■ 1.2577, 0.2559,
0.2435

■ 102.5466, 0.2994,
0.3077

■ 0.1081, 0.1671,
0.0906

■ 131.1582, 0.3005,
0.3094

■ 0.0000, 0.0000,
0.0000

164.6508, 0.3014,

0.3108

203.4086, 0.3022,
0.3120

■ 19.2483, 0.2895,
0.2924

■ 19.2483, 0.2895,
0.2924

■ 15.3445, 0.2718,
0.2642

■ 23.7459, 0.3054,
0.3176

■ 12.0073, 0.2526,
0.2334

■ 28.8582, 0.3195,
0.3397

■ 9.2113, 0.2323,
0.2007

■ 34.6079, 0.3319,
0.3590

■ 6.9278, 0.2120,
0.1674

■ 41.0159, 0.3427,
0.3756

■ 5.1258, 0.1927,
0.1355

■ 48.1022, 0.3520,
0.3900

■ 3.7707, 0.1759,
0.1072

■ 55.8858, 0.3601,
0.4025

■ 2.8234, 0.1629,
0.0847

■ 64.3852, 0.3672,
0.4132

■ 2.2363, 0.1544,
0.0695

■ 73.6179, 0.3733,
0.4224

■ 2.0395, 0.1512,
0.0641

■ 83.6010, 0.3786,
0.4305

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.2483, 0.2754, 0.2961



19.2483, 0.2895, 0.2924



19.2483, 0.3102, 0.2979

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.2483, 0.2895, 0.2924



19.2483, 0.3562, 0.3469



19.2483, 0.2929, 0.3481

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.2483, 0.2895, 0.2924



25.3714, 0.3346, 0.3631

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.2483, 0.3141, 0.3630



19.2483, 0.2895, 0.2924



19.2483, 0.3510, 0.3615

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.2483, 0.2895, 0.2924



19.2483, 0.3493, 0.3285



19.2483, 0.3354, 0.3678



19.2483, 0.2773, 0.3278

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.2483, 0.2895, 0.2924



19.2483, 0.3251, 0.3058



19.2483, 0.3354, 0.3678



19.2483, 0.2996, 0.3540

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.2491, 0.2895, 0.2924



41.7784, 0.3053, 0.3173



24.5416, 0.2917, 0.3308



9.5063, 0.3043, 0.3158



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.2491, 0.2895, 0.2924



31.4981, 0.2837, 0.2832



19.7102, 0.3005, 0.2918



4.9283, 0.2991, 0.3075



1.8206, 0.1512, 0.0644



0.0165, 0.1568, 0.0845

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.1245, 0.3383, 0.3273



33.3574, 0.3453, 0.3269



24.8785, 0.3236, 0.3660



5.0522, 0.3273, 0.3280



4.9680, 0.6326, 0.3259



0.0334, 0.5997, 0.3078

Previews

White Background



This preview shows how the Yxy color 19.2483, 0.2895, 0.2924 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.2483, 0.2895, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

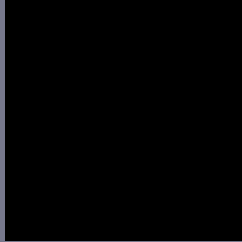
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

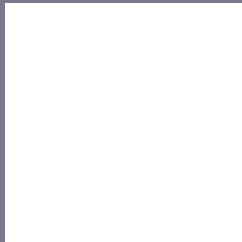
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.2483, 0.2895, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 19.2483, 0.2895, 0.2924.



This preview shows how white text looks on a background with the Yxy color 19.2483, 0.2895, 0.2924.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.2483, 0.2895, 0.2924

Protanopia

19.1779, 0.2884, 0.2923

Deuteranopia

19.1354, 0.2952, 0.2893



Tritanopia

19.3397, 0.2968, 0.3121

Trichromacy



Original Color

19.2483, 0.2895, 0.2924

Protanomaly

19.1779, 0.2884, 0.2923

Deuteranomaly

19.2247, 0.2929, 0.2909

Tritanomaly

19.2475, 0.2947, 0.3048

Monochromacy



Original Color

19.2483, 0.2895, 0.2924

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.3247, 0.3037, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2483, 0.2895, 0.2924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(119, 120, 140)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(119, 120, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 140) }
```

Border

The CSS property to change the border of an element to Yxy 19.2483, 0.2895, 0.2924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 120, 140) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(119, 120, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(119, 120, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 140);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2483, 0.2895, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(119,  
120, 140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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